

Abstract

Ferrite core with a new shape

An improved ferrite core, which is particularly suitable for transformers, is proposed, which proposes with respect to shapes derived from E-cores to create the middle bleb with an oval cross-section, whereby the longitudinal axis of the middle bleb is oriented parallel to the attachment plane and the longest axis of the oval cross-section resides vertically to this attachment plane. The core is symmetrically structured with respect to the mirror plane, which contains the longitudinal axis and which resides vertically to the attachment plane, and is particularly low in distortion.

Figure 1

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